

848 that if the lover is thought to be very desirable as a husband, the girl
684 and her parents will begin to act as though she had in fact been married by him. Few cases of seduction come before the courts, perhaps because of the fact that it is only pre-marital pregnancy that can lead to action in the court and not merely pre-marital copulation. If the lover agrees to marry the girl it is in the interests of her kin to let him do so, rather than take the matter to court when they may be awarded more damages but where also their daughter will appear as a foolish and indiscreet person. It is said that some girls hand on to their parents some of the presents they receive from their lovers, and that therefore the parents take no action against the lovers, but I have no information as to the extent of this practice.

The kin of a woman have therefore an interest in her sexual activities before she is married, and to a lesser extent a man's relatives have a similar interest. The main concern of a man, however, is that he shall not get himself into such serious trouble that he has to find the money for damages in the court and that he will not be forced to marry an unsuitable girl whom he has impregnated.

2. The marriages of children

581 At marriage itself a person's relatives may act on his or her behalf in choosing a spouse, and the factors that influence their choice are different from those which operate when people choose their own spouses. A man's relatives stress that the wife-to-be must be hardworking, polite to her superiors and not given to promiscuity. The fact that a girl begins to sleep with her lover may influence her lover's parents against her for they argue that if she sleeps so easily with their son she will soon tire of him and run off after someone else. They pay more attention to the character of her parents and siblings and look to see what sort of wives her sisters have made. Similarly the parents of the girl may look critically at the young man and they too argue that as he has already begun to sleep with their daughter he will soon begin running after other women and leave his wife 'alone in her hut'. If a relative of the girl has already married a relative of the man and that marriage has not been a success, their kinship may try to prevent a second marriage.

Case history 2

Abraham, who works in South Africa, wrote to his brother saying he wanted to marry Mary. The brother, who was married to Mary's sister, approached Mary's father who said that he could not agree. Mary's father later said that he opposed the marriage as Abraham's brother had infected his wife with syphilis and he did not want another of his daughters to marry into that family.

584 If a man is away working he may write home and ask his father or some other relative to find a wife for him. A marriage arranged in this way does not necessarily find favour with the man when he finds out who his bride is to be, but a number of children successfully

to the kin of the married couple however much the kin may intervene in the marriage and act on behalf of the couple.

The belief in the occurrence of such diseases as *vidole* and *lagole* supports the values of Ngoni society, and acts as a check on behaviour which is wrong in Ngoni eyes. Beliefs in the efficacy of medicines do not have such a straightforward moral connotation, for in theory it is as easy for a man to harm the wife of someone else by the use of medicines, or for a woman to harm her co-wife, as it is for a man to harm his cuckold. Medicines can, therefore, be used for good or ill, depending on the intentions of those who manipulate them. Even the possibility of anti-social manipulation of medicines can, however, have a positive effect, as we have seen in the way in which a wife is encouraged to live demurely without attracting the attention of other men, lest when she spurns their advances they retaliate with medicines to harm her in childbirth. Old people like to maintain that in 'the time of peace' the Ngoni did not use medicines at all, although from what we know of the Zulu and other South-Eastern Bantu tribes from which the Ngoni came, this is almost certainly untrue. 'Our spears were our medicines', they say, meaning that when the state was powerful both internally and in relation to their neighbours, law and order and the wishes of the Paramount Chief could be enforced by physical sanctions. Only now, when the chieftainship has lost so much of its former power and men and women can do wrong without fear of punishment in the courts, is it necessary to fall back on mystical processes in an attempt to control other people's behaviour. By contrast the mystical diseases which can only be caught through socially disapproved actions operated at both stages of Ngoni history, although *vidole* itself, unlike *lagole* and other similar conditions, appears to have been introduced by the Cows.⁶

To a lesser extent the fear of venereal disease may be said to act as a stabilising factor, since men admit that they are cautious in running after women on terms, in Fort Jamieson and away in the big towns, because they fear syphilis. In the village an infected woman, if she cannot conceal her condition, is shunned by careful men, and a newcomer to the village who starts to flirt with her may be taken aside by an older man and warned of the risk of infection. It is an admirable effort for one partner in a marriage to transmit venereal disease to the other. Venereal disease is, however, commonly believed to be widespread and the fear of it cannot be said to be an efficient deterrent of adultery.

Despite the mystical safeguard and despite the fairly well defined rights in divorce, marriage is not regarded as a permanent bond. There is a maxim 'Never cooche in your wife, for tomorrow you may divorce her.' Co-ownership is permanent and unalienable and a man should cooche in a brother's wife just as he will. The

⁶ Cf. Reed, op. cit. 'The moral code', p. 9.

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surveys. In an astonishing number of cases these sites were in completely waterless country and what were stated to have been permanent streams, pools and springs had dried up. The fierce late fires which swept through the empty country each year may have been a major cause of the desiccation.

§ 4. Roads and Watering Points

After survey had been completed and before movement into an area started, roads (generally earth tracks twelve feet wide) were constructed. These were essential in order to facilitate movements of people and their food-stocks and goods, to enable subsequent supervision and to allow of the construction of watering-points. The preliminary surveys and the maps constructed from them were invaluable in planning the road systems in relation to topography and soils, so that they would be passable throughout the year.

Wherever necessary plans were prepared in advance, also on the basis of the preliminary surveys, to provide sufficient water for the number of people to be moved into each area, and the work of constructing water points was undertaken by the Water Development Department. Water was usually provided by means of dug wells (25 to 100 feet in depth), occasionally supplemented by bore-holes, but in some areas wells were unsuccessful and earth dams were constructed. In one locality, the Mushiki resettlement area of Ndola, a particularly favourable site was used to make a large central dam which was stocked with bream (*Tilapia* spp.) in the hope of producing a fish supply for the surrounding villages. A large scale water programme was undertaken, and is still in progress, in the Eastern Province and a minor programme of some thirty wells has been completed in Ndola District where natural supplies are very much better.

§ 5. Game and Tsetse Control

Another difficulty was the occurrence of destructive game in uncultivated country. Villagers occasionally objected to movement on the grounds that elephants and wild pigs would destroy the crops, an objection which often involved a good deal of substance.

Reduction of destructive game was carried out, as far as ammunition supplies and trained African staff would allow, by the Department of Game and Tsetse Control.

In the southern part of Fort Jameson District, where a few cases of sleeping sickness appeared among villages moved into a 'fly' area, a campaign of game elimination was undertaken by the Department in conjunction with the clearing of 'hard grass' (patches of *Abies* *Harveyi* on compacting gullied soils, generally near watercourses). These measures appear to be giving very satisfactory and rapid results and the fly has been much reduced or eliminated in areas where it was formerly abundant.

Other parts of the Eastern Province resettlement areas are also 'fly' country, but apparently free from sleeping sickness and it is only in the northern zone that intensive measures against tsetse have been carried out so far. The large available land area in Mkuhi enabled the relatively small 'fly' areas to be avoided. This was fortunate as sleeping sickness is believed to be endemic in the western 'fly' areas of Mkuhi. 166
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The resettlement area of Ndola District was believed to contain sparse 'fly' in local pockets. Trials were made by the Agricultural and Veterinary Departments in co-operation by placing herds of cattle throughout the area and grazing them within a definite range about the kraals. Ten herds each of five beasts were used; the animals were numbered and blood slides were taken from each at frequent intervals. As a result of these trials it was found that almost the whole area was free of trypanosomiasis and suitable for stock raising, and the small areas of 'fly' infestation were defined.

§ 6. Method of Settlement

Areas for resettlement were allocated to each tribe and chieftaincy in accordance with the general plan to restore the population-land balance as far as possible. Movement was, in theory at least, entirely voluntary but in many cases a good deal of persuasion was necessary to obtain the necessary number of villages. Most villages naturally preferred that their neighbour should move and that they should take over the vacated land rather than go to the trouble of moving. District Officers and Agricultural Officers held preliminary discussions with the people and the question of the villages to move into the resettlement areas was settled with the co-operation of the Native Authorities. Population counts of these villages were made, usually by District Officers. 166
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Headmen and other representatives of the villagers who had finally agreed to move then toured the area allocated to them and selected sites for the new villages. The headmen and the villagers almost invariably arranged this matter among themselves without any difficulty whatsoever. The selected sites were then marked on the Vegetation-Soil Map. Blocks of land having an estimated carrying capacity approximating to the total village population, allowing for temporary absentees, were demarcated around the selected sites, using roads, streams, hills and cut or biased lines as boundaries. Estimates of land carrying capacity were, of course, based on the traditional agriculture of the people concerned. This allocation of land areas for individual villages proved universally popular; the people are jealous of their boundaries and, apparently, willing to maintain them. They have usually built permanent stone beacons, to replace temporary timber structures, where the boundaries are not clearly defined by natural features. [622]
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This general method of controlled settlement was not individually applied or always possible. The great escarpment area of the Eastern Province, 166
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